

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	44	(US-20040212921-\$ or US-20040141666-\$ or US-20040113501-\$ or US-20040091187-\$ or US-20030185473-\$ or US-20010022869-\$ or US-20040096131-\$ or US-20040091188-\$ or US-20040017954-\$).did. or (US-7073945-\$ or US-7063462-\$ or US-6364532-\$ or US-6250807-\$ or US-6236129-\$ or US-6315452-\$ or US-6020664-\$ or US-5839833-\$ or US-5715116-\$ or US-5533811-\$ or US-5675200-\$ or US-5516212-\$ or US-4938611-\$ or US-5941644-\$ or US-5427456-\$ or US-6097121-\$ or US-6905247-\$ or US-6828709-\$ or US-6034454-\$ or US-5214337-\$ or US-6144523-\$ or US-5628248-\$ or US-5924798-\$ or US-7077572-\$ or US-7008110-\$ or US-7025505-\$).did. or (US-7455456-\$ or US-5423612-\$ or US-4547081-\$ or US-4805972-\$ or US-4934836-\$ or US-5009520-\$).did. or (US-1731895-\$ or US-2983832-\$).did. or (JP-01141220-\$).did.	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2009/11/24 11:40
L2	22	1 and capillary	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/24 11:40
L3	0	2 and tanaka.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/24 11:41
L4	11	tanaka and 1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/24 11:41

L5	5	4 and seal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/24 11:41
L6	2	"4934836".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/24 11:41
L7	0	6 and seal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/24 11:41
L8	0	6 and capillary	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/24 11:41
L9	13	1 and capillary adj seal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/24 11:45
L10	19	("4798476"   "5579579"   "5715116"   "5822846"   "5952752"   "6126320"   "6236129"   "6364532"   "6549366"   "6712513"). PN. OR ("6828709"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/24 11:47
L11	115	capillary adj seal and recirculat\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/24 11:50
L12	22	("3602555"   "3870382"   "4557610"   "4596474"   "4883367"   "5112141"   "5246294").PN. OR ("5407281").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/24 11:55
S1	2585	(384/100,107- 109,114,118-121,123,132). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/22 15:46
S2	947	S1 and (lin\$3 or sleeve or insert) with shaft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/19 13:24
S3	76	S2 and recirculat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/19 13:37
S4	324	384/121.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/19 13:40

S5	0	"5506458".ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/19 13:40
S6	2	"5506458".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/19 13:58
S7	170	(fluid near bearing) and thrust and (sleeve or lin \$3) and recirculat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/19 13:59
S8	10	("5328270"   "5516212"   "5642943"   "5666242"   "5952752"   "6020664"   "6036413"   "6079879"). PN. OR ("6315452"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/19 14:26
S9	0	("2004/0113501").URPN.	USPAT	OR	OFF	2006/10/19 14:28
S10	0	"20040113501"	USPAT	OR	OFF	2006/10/19 14:28
S11	1	"20040113501"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/19 14:29
S12	2653308	v	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/19 14:29
S13	4	"6768236"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/19 14:29
S14	17	("5715116"   "6211592"   "6250808"   "6271612"   "6307291"   "6340854"   "6361214"   "6483215"   "6552456"   "6554476"   "6574186"   "6664687"   "6674201"   "6686674"). PN. OR ("6768236"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/19 14:30
S15	7	("6097121"   "6768236"   "6804987"   "6809898"   "6826010"   "6914358"). PN. OR ("6980394"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/19 15:55
S16	727	384/100.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/19 15:56
S17	418	384/100.ccls. and lin\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/19 16:02
S18	1	"5715116".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/19 15:58
S19	1	"5924798".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/19 15:58

S20	4	("5683183").PN. OR ("5924798").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/19 15:59
S21	36	("3449028"   "4547081"   "4557610"   "5018881"   "5141338").PN. OR ("5715116").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/19 15:59
S22	536	384/107.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/19 16:02
S23	420	384/107.ccls.	USPAT; USOCR	OR	OFF	2006/10/19 16:16
S24	275	384/114.ccls.	USPAT; USOCR	OR	OFF	2006/10/19 16:16
S25	170	384/118.ccls.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/19 16:35
S26	5	"5924798"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/24 10:37
S27	2	S26 and rotor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/24 10:36
S28	2	"5924798".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/24 10:37
S29	1	S28 and rotor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/24 10:37
S30	18	(US-20040212921-\$ or US- 20040113501-\$ or US- 20040091187-\$).did. or (US-6905247-\$ or US- 5924798-\$ or US-7077572- \$ or US-5839833-\$ or US- 5427456-\$ or US-5715116- \$ or US-6315452-\$ or US- 6020664-\$ or US-6034454- \$ or US-6250807-\$ or US- 5214337-\$ or US-6097121- \$ or US-5628248-\$).did. or (US-1731895-\$).did. or (JP-01141220-\$).did.	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/10/24 11:24
S31	1	S30 and asymmetric near groov\$3	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/10/24 11:25
S32	29	bearing with asymmetric near groov\$3	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/10/24 11:25

S33	20	(US-20040212921-\$ or US-20040113501-\$ or US-20040091187-\$ or US-20010022869-\$ or US-20030185473-\$).did. or (US-6905247-\$ or US-5924798-\$ or US-7077572-\$ or US-5839833-\$ or US-5427456-\$ or US-5715116-\$ or US-6315452-\$ or US-6020664-\$ or US-6034454-\$ or US-6250807-\$ or US-5214337-\$ or US-6097121-\$ or US-5628248-\$).did. or (US-1731895-\$).did. or (JP-01141220-\$).did.	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/10/24 11:33
S34	8	S33 and capillary with seal	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/10/24 11:34
S35	3	S33 and capillary with seal and asymmetric with groove\$1	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/10/24 16:09
S36	1	"6890104".pn.	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/10/24 11:36
S37	20	(US-20040212921-\$ or US-20040113501-\$ or US-20040091187-\$ or US-20010022869-\$ or US-20030185473-\$).did. or (US-6905247-\$ or US-5924798-\$ or US-7077572-\$ or US-5839833-\$ or US-5427456-\$ or US-5715116-\$ or US-6315452-\$ or US-6020664-\$ or US-6034454-\$ or US-6250807-\$ or US-5214337-\$ or US-6097121-\$ or US-5628248-\$).did. or (US-1731895-\$).did. or (JP-01141220-\$).did.	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/10/24 16:09
S38	4	S37 and asymmetric with groove\$1	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/10/24 16:09
S39	2587	(384/100,107-109,114,118-121,123,132).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/24 16:20
S40	67	S39 and capillary with seal and taper\$2 with shaft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/24 16:20

S41	21	(US-20040113501-\$ or US-20040091187-\$ or US-20040212921-\$ or US-20030185473-\$ or US-20010022869-\$).did. or (US-6034454-\$ or US-6905247-\$ or US-5715116-\$ or US-5427456-\$ or US-5516212-\$ or US-5839833-\$ or US-6315452-\$ or US-7077572-\$ or US-5924798-\$ or US-6250807-\$ or US-6020664-\$ or US-6097121-\$ or US-5214337-\$ or US-5628248-\$).did. or (US-1731895-\$).did. or (JP-01141220-\$).did.	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2007/03/21 11:39
S42	7	S41 and (recirculation or reflow or pressure adj equaliz\$5)	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2007/03/21 11:44
S43	5868	384/100-132.ccls.	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2007/03/21 11:44
S44	79	S43 and fluid with (recirculation or reflow or pressure adj equaliz\$5)	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2007/03/21 11:44
S45	11	("4798476"   "5579579"   "5715116"   "5822846"   "5952752"   "6126320"   "6236129"   "6364532"   "6549366"   "6712513"). PN. OR ("6828709"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/21 11:52
S46	10	("5647672"   "5715116"   "6084328").PN. OR ("6236129").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/21 11:55
S47	2	("6236129"   "7056026"). PN. OR ("7186027"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/21 11:55
S48	4	((("6513979") or ("6435722") or ("6412984") or ("6400052"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/28 11:14
S49	564	(384/107).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/28 11:14

S50	14	("20030048577"   "20030190100"   "20030214193"   "20040032175"   "5142173"   "5357162"   "5423612"   "5533811"   "5558445"   "5941644"   "6154339"   "6404087"   "6664687").PN. OR ("6991376").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/28 14:06
S51	1	"4938611".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/28 14:06
S52	6	S49 and (passage near4 "c")	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/28 14:07
S53	1088	384/100.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/23 17:52
S54	12	S53 and liner	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/23 17:53
S55	755	384/107.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/23 17:53
S56	10	S55 and liner	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/23 17:54
S57	476	S55 and sleeve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/23 17:55
S58	5	("20010000073"   "6409389"   "6447167"   "6846109").PN. OR ("7008109").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/23 17:58
S59	8	("20020051588"   "20020064324"   "20040017954"   "5423612"   "5707154"   "6155721"   "6390681"   "6712514").PN. OR ("7455456").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/23 18:06
S60	42	("4200344"   "4443043"   "4487514"   "4523800"   "4547081"   "4652149"   "4797009"   "4805972"). PN. OR ("4934836"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/23 18:18

S61	10	("3342667"   "4509803"   "4774749"   "4875263"   "4934836").PN. OR ("5009520").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/23 18:19
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